COMPASS Data Warehouse and Reporting

Nancy Insuik and Anthony Rahner

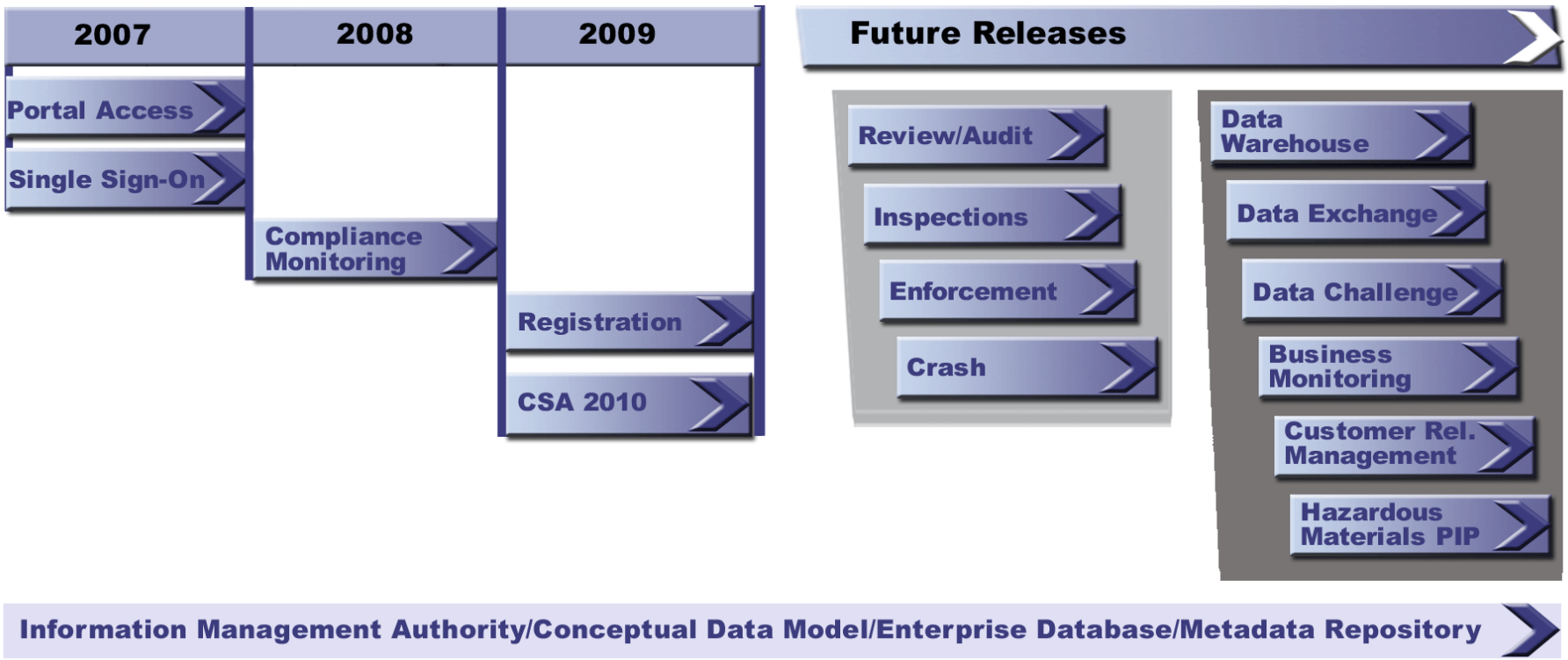
Agenda

- COMPASS Overview
  - COMPASS Objectives
  - COMPASS Roadmap
  - COMPASS Pilot
  - COMPASS Release 1
- COMPASS Data Warehouse and Reporting
  - Scope
  - What types of reporting functionality should be provided
  - What types of reporting tools should be provided
  - What type of data should be made available
  - Specific types of reports that should be provided
  - Implementation strategies
  - Training requirements

COMPASS Objectives

- **Improve data accessibility** through simple sign-on and easier navigation
- **Improve data consistency** through database consolidation and integration
- **Simplify data capturing** and information reporting
- **Increase productivity and efficiency** by better integrating our information technology with our business processes
- **Enable better policy and program decisions** through improved data quality
- **Reduce costs** for operations and maintenance through consolidation and implementing industry best practices

COMPASS Roadmap



Pilot Scope

- Federal Program Managers
  - Select Carrier for Compliance Review and assign Safety Investigators to perform the review
  - Access MCMIS legacy system without additional login to perform other job functions
- Registered Carriers
  - View company information specific to the Carrier including crashes, inspections, reviews and closed enforcement cases
  - Access DataQs legacy system without additional login to challenge information

Release 1 Scope

- Select Carrier for Review or Safety Audit and assign Safety Investigators to perform the review or audit
- View Assignments
- View Company information
- Print or download Company Safety Profiles on an as needed basis at no charge
- Automated accounts management and role assignment
- Automated password reset and account unlock
- Single Sign-on to MCMIS, EMIS and L&I
- Context sensitive online help
- Online access to training materials
- Online survey and user feedback tools

Release 1 Functionality – Accounts Management

- Accounts Management
  - Automates the registration process
  - Automates password reset and account unlock requests
  - Registers users for both COMPASS and legacy systems
  - Everyone is to reregister through COMPASS
  - Organization Coordinator is the internal Approver
  - Authorized User is the registered public Approver
- Roles
  - By functionality not title
  - Organization Coordinators / Authorized Users are able to assign and remove roles via the portal

Home - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Back Search Favorites

Address http://my.fmcsa.dot.gov/ Go Links

MyFMCSA Portal

Federal Motor Carrier Safety Administration

Welcome Joe User, US XPRESS INC - USDOT 303024, you last accessed this system 12/22/2006 | Site List | Sign Out | Change Password | Admin

Home | Safety | Account | Help

Your location: Home

My Alerts

- A 90 Day Failure to Pay Fine Out of Service Order was issued on 01/20/2006
- Your Provisional Authority was revoked on 01/30/2006 for failure to show up for a Safety Audit
- Biennial update was due in October 2005 and last MCS-150 was filed on 10/18/2003
- The following address is marked undeliverable – 10 Elm St., Orlando, FL, 33333
- An ARF for Greg Helms is waiting for approval

My Tasks

- Biennial update due
- Update company address

My Correspondence

- Form 432-00177
- Inspection Summary - 11/19/2006

Company Activity

Crashes

Last 30 days | View Full Report

Search | Download | Dispute Data (DataQs)

State	Vehicle	Driver	Date
FL	ABC123	James S Morgan	07/27/2006
FL	KSH775	Burt Reynolds	07/27/2006
FL	BSH991	Ronnie Brasher	07/27/2006
FL	COL377	Curtis M Mayfield	07/27/2006
FL	SEL492	James Morrison	07/27/2006
FL	DAS889	Jake Billings	07/27/2006
FL	MHP232	Billy Joe-Bob Smith	07/27/2006
FL	VBALL1	Wilson V Ball	07/27/2006
FL	RTB001	Rory T Boulder	07/27/2006
FL	WHY123	Bozo T Clone	07/27/2006
FL	SAD001	B Allen Hamilton	07/27/2006
FL	SANDY1	Sandy Toes	07/27/2006

1 2 3 4 5

Inspections

Reviews

Enforcement

Company Info

USDOT Registration

General | Operations | Equipment | Driver | Officials

USDOT:	759470
Entity Type:	Carrier, Cargo Tank
Legal Name:	Steven Acme
DBA Name:	ACME Transport
E-mail:	steven@acmetransport.com
Business Address:	230 Clay Morgan Dr, East Prairie, MO 63845
Business Phone:	(416) 889-4141
Contact Cell Phone:	(416) 881-3066
Business Fax:	(416) 889-4142
EIN:	12-3244412
SSN:	061-21-1238
DUNS:	05-435-4400
Mailing Address:	230 Clay Morgan Dr, East Prairie, MO 63845

Cargo Tank Facility

Hazardous Materials

Operating Authority

Top Headlines

U.S. Department of Transportation Proposes Three Airlines For New U.S. to Mexico Service

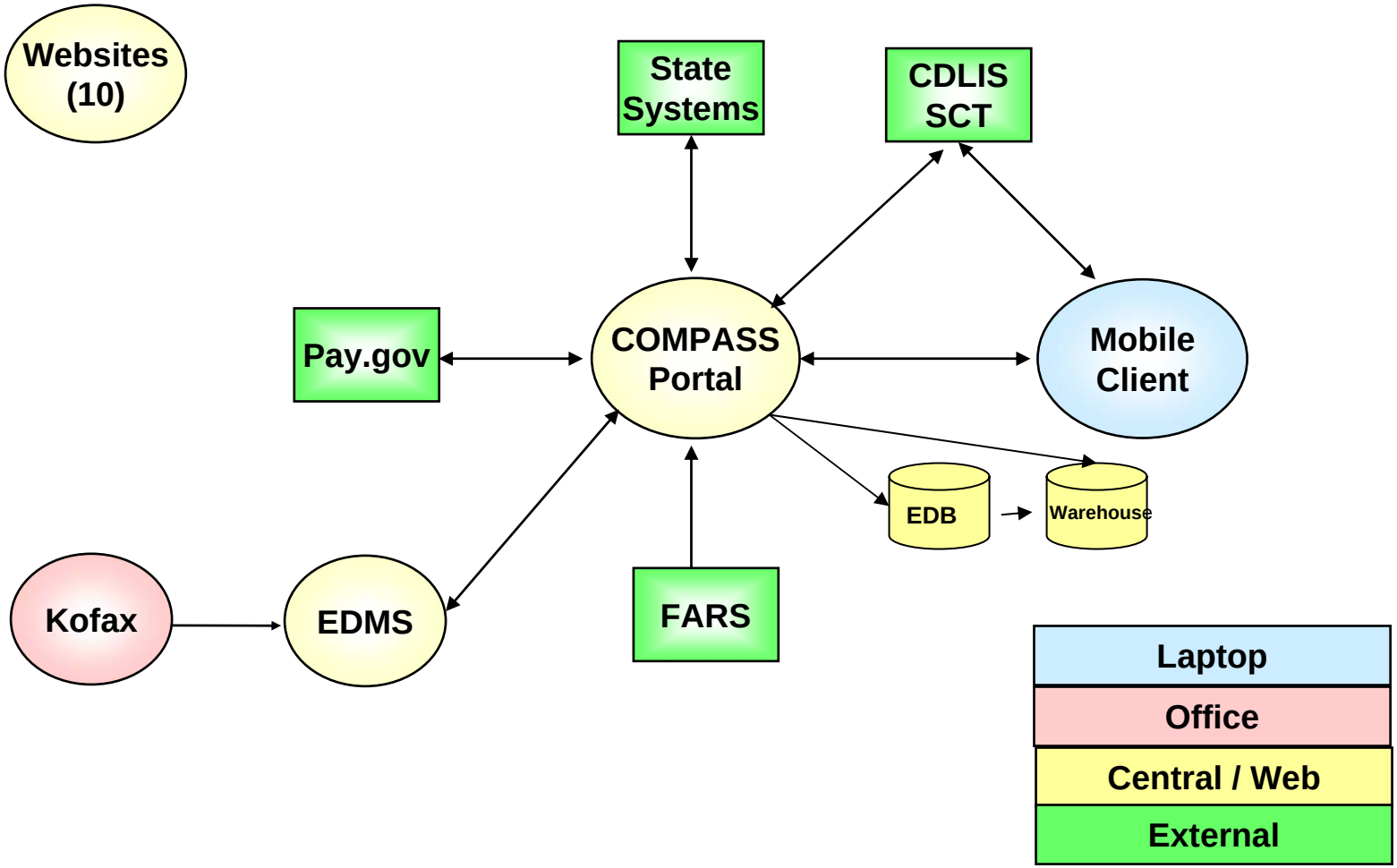
Local intranet

start | Inbox - Microsoft... | Windows Media P... | Microsoft PowerP... | Home - Microsoft... | 1:43 PM

COMPASS Data Warehouse and Reporting

- Separate database for reporting
  - Flexible design to support specific reporting needs
  - Remove reporting impact from transaction performance
- Types of reporting
  - Regularly generated reports
  - Specific format reports that can be generated on demand
  - Ad-hoc querying
  - Statistics
  - Graphics

COMPASS Interfaces



Discussion

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For More Information

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To give feedback or ask questions
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